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7-24-79

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

WASHINGTON, D. C. 20231

In re application of

Robert E. Fischell

For: Implantable, Programmable Medication
Infusion SystemLETTERThe Hon. Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

In order to aid the Patent and Trademark Office in examination of the above-identified application, attention is respectfully directed to the patents recited below. The application has been prepared in light of this material and is believed to claim subject matter which patentably distinguishes thereover.

3,023,750	3,894,538
3,559,644	3,901,232
3,620,650	3,923,060
3,625,401	4,030,495
3,655,095	4,033,479
3,692,027	4,037,598
3,731,679	4,073,292
3,731,681	4,077,405
3,736,930	4,111,198
3,809,871	4,126,132
3,837,339	4,140,131

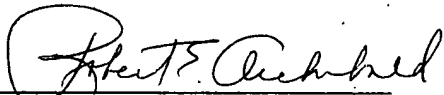
A. Michael Albisser, et al "Studies With an Artificial Endocrine Pancreas", Arch. Intern. Med., Vol. 137, May 1977.Walter E. Stamm, M.D. "Infections Related to Medical Devices", Ann. Intern. Med. % Pt. 2 Suppl. P. 764-9, Nov. 78.Rohde, Thomas, Blackshear, P.J., Varco, R.L., Buchwald H., "Protracted Parenteral Drug Infusion in Ambulatory Subjects Using an Implantable Infusion Pump", Trans. Am. Soc. Artif. Intern. Organs, 23. P13-6. 1977.Rohde, Thomas D., Blackshear, P. J., Varco, R. L., Buchwald, H. "One Year of Heparin Anticoagulation. An Ambulatory Subject Using a Totally Implantable Infusion Pump", Minn. Med. 60. 10. P719-22. Oct. 77.

Kaplan, W.D., D'Orsi, C.J., Ensminger, W.D., Smith, E. H.
Levin, D.C., Intra-Arterial Radionuclide Infusion: A New
Technique to Assess Chemotherapy Perfusion Patterns"
Cancer Treat. Reports Vol. 62, No. 5, May 1978

W. J. Spencer, "For Diabetics: An Electronic Pancreas,"
IEEE Spectrum, Vol. 15, No. 6(June 1978), p. 38-42.

Respectfully submitted,
Robert E. Fischell

By



Robert E. Archibald
Attorney of Record
Registry No. 20,934

0-4155

Case Docker No. SPL-53

THE COMMISSIONER OF PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Robert E. Fischell

For: Implantable, Programmable Medication Infusion System

Enclosed are:

☒ 5 sheets of drawing.☐ An assignment of the invention to _____☐ A certified copy of a _____ application.☒ ~~Associate~~ power of attorney and declaration.

CLAIMS AS FILED				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE \$65.00
TOTAL CLAIMS	65 -10=	55	X \$2.00	110.00
INDEPENDENT CLAIMS	8 -1=	7	X \$10.00	70.00
			TOTAL FILING FEE →	\$245.00

☐ Please charge my Deposit Account No. _____ in the amount of \$_____. A duplicate copy of this sheet is enclosed.

☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. _____. A duplicate copy of this sheet is enclosed.

☒ A check in the amount of \$245.00. to cover the filing fee is enclosed.

Robert E. Archibald

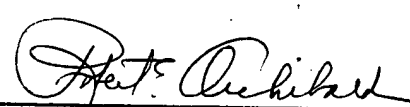
Attorney of Record

Robert E. Archibald
Registry No. 20,934

FORM PO-1082 (1-70)

Robert E. Archibald, Patent Counsel
The Johns Hopkins University
Applied Physics Laboratory
Johns Hopkins Road, Laurel, Maryland 20810

USCOMM-DC 60806-P70

AMENDMENT TRANSMITTAL LETTER					ATTORNEY'S DOCK SPL -53	
SERIAL NO. 34,155	FILING DATE 4/27/79	EXAMINER F. Jaworski			GROUP UNIT 33	
INVENTION Implantable, Programmable Medication Infusion System						
TO THE COMMISSIONER OF PATENTS AND TRADEMARKS: Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.						
CLAIMS AS AMENDED						
(1)	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) NO. OF EXTRA CLAIMS PRESENT	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	• 642	MINUS	** 104	538	X 2.00	X \$1076.
INDEP. CLAIMS	• 6	MINUS	** 10	-	X	X -0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$1076.	
<p>• If the entry in column 2 is less than the entry in column 4, write "0" in column 5.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 10, write "10" in this space.</p> <p><input type="checkbox"/> No additional fee is required.</p> <p><input checked="" type="checkbox"/> A check in amount of \$ <u>1076.00</u> is attached.</p> <p><input type="checkbox"/> Charge \$ _____ to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> Please charge any additional fees or credit overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>Dec. 21, 1981</u> <small>date</small> </div> <div style="text-align: center;">  <small>Attorney of Record</small> Robert E. Archibald Registry No. 20,934 </div> </div>						